

# UNITED STATES PATENT OFFICE.

PATRICK MAGENNIS, OF PATERSON, NEW JERSEY.

## IMPROVEMENT IN THE ART OF DYEING.

Specification forming part of Letters Patent No. 703, dated April 21, 1838.

*To all whom it may concern:*

Be it known that I, PATRICK MAGENNIS, of Paterson, in the county of Passaic and State of New Jersey, have discovered a new and useful Improvement in the Art of Dyeing; and I do hereby declare that the following is a full and exact description of said improvement.

The nature of my improvement consists in performing the operation of dyeing by one process, which is effected in the following manner: The cloth or other material to be dyed is taken, without any previous preparation, and passed through the vessel or box containing the coloring-matter, and from thence immediately passes between heavy rollers or squeezers, whereby the coloring-matter is effectually forced into the cloth or other material. It is then dried, and being so dried it is passed through the vessel or box containing the proper mordant, and from thence again immediately passed between heavy rollers or squeezers,

whereby the mordant is also effectually forced into the cloth or other material, which is then dried, and the process of dyeing is finished.

The coloring-matter and mordants to be used in this process are the same as those commonly used by dyers, except in this process they are more highly concentrated, and the degree of condensation depends upon the shade of the color required. The rollers or squeezers and color-boxes commonly used by dyers may be used for this process; but

What I claim as my discovery and invention, and desire to secure by Letters Patent, is—

The manner of applying the coloring-matter and mordants in a concentrated state to the dry cloth or other material to be dyed by passing the same between rollers.

PATRICK MAGENNIS.

Witnesses:

PH. DICKERSON,  
JNO. M. GOULD.